REMARKS

Claims 1-48 are pending in the present patent application. The examiner has rejected claims 1-48. Applicant respectfully requests reconsideration of claims 1-48 in the view of at least following remarks.

I.   Rejection of Claims 1-2, 5-13, 16-24, 27-31, 33, 35-38 and 42-48 Based on 35 U.S.C. § 102(e)

The Examiner has rejected claims 1-2, 5-13, 16-24, 27-31, 33, 35-38 and 42-48 based on 35 U.S.C. § 102(e) as being clearly anticipated by Diener, U.S. pat. No. 5,784,562.

Applicant respectfully disagrees and submits that claims 1,10, 17, 28, 43-44, and 47 are in a condition for allowance and argues as follows:

1.   Diener does not teach, suggest or describe that a stateless device can maintain upon disconnection an active session comprising a persistent representation of one or more executing services.

Applicant discusses the amendment with respect to claim 1 for illustration. Claim 1 includes the limitation:

"a stateless human interface device coupled to said interconnect fabric for receiving and rendering data, wherein said data source is configured to maintain an active session

associated with a user when said user is disconnected from said stateless human interface device, wherein said active session comprises of a persistent representation of one or more executing services".

Even if <u>Diener</u> discloses a stateless human interface device, it is as a web browser using the HTTP protocol (see <u>Diener</u> at col 5, line 17). The HTTP protocol is a communication protocol between a web-server and a client node, that uses the TCP/IP protocol (see <u>Diener</u> at col 5, line 18). Using the HTTP protocol, a request is sent to a server and once this single request is satisfied the server breaks or disconnects the communication between the server and the client (see <u>Diener</u> at col 5, line26-30). For example, column 5 line 17-30 of <u>Diener</u> states:

> Note that the HTTP is stateless, i.e., a WWW server node may not maintain any information regarding a WWW client after an HTTP request has been satisfied. Furthermore, the HTTP is a protocol for establishing only short-lived communication connections between WWW client and server nodes. That is, upon submittal of a HTTP request by a client node for information from a server node, the underlying network connection protocol, such as TCP/IP, establishes a communication connection between the WWW client and the server node. However, once this single request is satisfied (i.e., the server node detects that the request information has been transmitted to the client), the server initiates a breaking or disconnecting of the communication connection in accordance with HTTP protocol.

The present invention, on the other hand, is a computing system architecture which has a data source and a stateless human interface device connected by interconnect fabric. The connection established between user and client by the human interface device is a long-lived, persistent and reliable representation of one or more executing services at any point in time (see present application page 15, line 6-9). When the user requests an operation from the data source during an active session (such as the initiation of a computer program or other services) using the stateless human interface device, the result of the operation is available to the user at the stateless human interface device even if the user has been disconnected for some time and later re-connected at the

same or different computer (see present application page 20, line 1-15). By accessing the services later at the same or a different computer, the user accesses a persistent representation of one or more executing services. The HTTP protocol as disclosed in <u>Diener</u> simply cannot be seen as a persistent representation of one or more executing services. As such, claim 1 is in a condition for allowance. By analogy, the other independent claims 10, 17, 28, 43-44, and 47 and claims 3-4,14-15,25-26,32,34 and 39-41 being dependent upon respective allowable base claims 1, 10, 17, and 28 are also allowable for at least the foregoing reasons stated above.
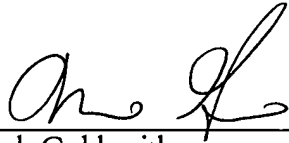
CONCLUSION

For at least foregoing reasons, Applicant submits that the cited art does not teach or suggest, let alone anticipate, claims 1-48 of the present application. Claims 1-48 are therefore in condition for allowance.

Respectfully submitted,

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